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**US Patents Full-Text Database**

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**Database:** IBM Technical Disclosure Bulletins

L5

**Search:**[Refine Search](#)[Recall Text](#)[Clear](#)**Search History****DATE:** Wednesday, June 19, 2002   [Printable Copy](#)   [Create Case](#)**Set Name Query**

side by side

*DB=USPT; PLUR=YES; OP=OR*L5   L3 and L4L4   inteinL3   L1 and L2L2   thioester near20 (fus\$3 or ligat\$3 or bond or bound of bind\$3)L1   thioester adj6 terminal**Hit Count Set Name**

result set

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**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 4 of 4 returned.**☐ 1. Document ID: US 6288048 B1

L5: Entry 1 of 4

File: USPT

Sep 11, 2001

US-PAT-NO: 6288048

DOCUMENT-IDENTIFIER: US 6288048 B1

TITLE: Cholesterol and hedgehog signaling

DATE-ISSUED: September 11, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Beachy; Philip A.	Baltimore	MD		
Porter; Jeffrey A.	Belmont	MA		
Cooper; Michael K.	Baltimore	MD		

US-CL-CURRENT: [514/176](#); [435/962](#), [436/63](#), [436/71](#), [436/86](#), [436/87](#), [436/92](#), [514/278](#)[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[PMC](#) [Draw Desc](#) [Image](#)☐ 2. Document ID: US 6171804 B1

L5: Entry 2 of 4

File: USPT

Jan 9, 2001

US-PAT-NO: 6171804

DOCUMENT-IDENTIFIER: US 6171804 B1

TITLE: Method of determining interdomain orientation and changes of interdomain orientation on ligation

DATE-ISSUED: January 9, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cowburn; David	Westfield	NJ		
Xu; Rong	Tarrytown	NY		
Pushman; David	New York	NY		

US CL CURRENT: [435/7.1](#); [436/501](#), [436/517](#)[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[PMC](#) [Draw Desc](#) [Image](#)☐ 3. Document ID: US 6057091 A

L5: Entry 3 of 4

File: USPT

May 2, 2000

US-PAT-NO: 6057091

DOCUMENT-IDENTIFIER: US 6057091 A

TITLE: Method of identifying compounds affecting hedgehog cholesterol transfer

DATE-ISSUED: May 2, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Beachy; Philip A.	Baltimore	MD		
Porter; Jeffrey A.	Belmont	MA		

US-CL-CURRENT: 435/4; 436/71, 530/300, 530/350

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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## 4. Document ID: US 5834247 A

L5: Entry 4 of 4

File: USPT

Nov 10, 1998

US-PAT-NO: 5834247

DOCUMENT-IDENTIFIER: US 5834247 A

TITLE: Modified proteins comprising controllable intervening protein sequences or their elements methods of producing same and methods for purification of a target protein comprised by a modified protein

DATE-ISSUED: November 10, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Comb; Donald G.	Manchester	MA		
Perler; Francine B.	Brookline	MA		
Jack; William E.	Wenham	MA		
Xu; Ming-Qun	Hamilton	MA		
Hodges; Robert A.	Norcross	GA		
Noren; Christopher J.	Boxford	MA		
Chong; Shaorong S. C.	Beverly	MA		
Adam; Eric	Beverly	MA		
Southworth; Maurice	Beverly	MA		

US-CL-CURRENT: 435/69.7; 435/252.3, 435/320.1, 435/69.1, 530/350, 530/402, 530/412, 530/413, 536/23.4

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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L3: Entry 1 of 19

File: USPT

May 21, 2002

US-PAT-NO: 6391280

DOCUMENT-IDENTIFIER: US 6391280 B1

TITLE: J chain polypeptide targeting molecule linked to an imaging agent

DATE-ISSUED: May 21, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hiatt; Andrew C.	San Diego	CA		
Hein; Mich B.	Fallbrook	CA		
Fitchen; John H.	La Jolla	CA		

US-CL-CURRENT: 424/9.1; 424/9.34, 424/9.341, 424/94.1, 435/174, 435/177, 435/4,  
530/402, 530/810

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">HMM</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>
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☒ 2. Document ID: US 6326468 B1

L3: Entry 2 of 19

File: USPT

Dec 4, 2001

US-PAT-NO: 6326468

DOCUMENT-IDENTIFIER: US 6326468 B1

TITLE: Solid phase native chemical ligation of unprotected or n-terminal cysteine protected peptides in aqueous solution

DATE-ISSUED: December 4, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Canne; Lynne	Pacifica	CA		
Kent; Stephen B. H.	San Francisco	CA		
Simon; Reyna	Los Gatos	CA		

US-CL-CURRENT: 530/333, 530/326, 530/334, 530/339, 530/350

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">HMM</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>
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☒ 3. Document ID: US 6310180 B1

L3: Entry 3 of 19

File: USPT

Oct 30, 2001

US-PAT-NO: 6310180  
DOCUMENT-IDENTIFIER: US 6310180 B1

TITLE: Method for synthesis of proteins

DATE-ISSUED: October 30, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tam; James P.	Nashville	TN		

US-CL-CURRENT: 530/339; 424/208.1, 435/4, 435/7.1, 436/518, 530/323, 530/324, 530/325,  
530/326, 530/327, 530/328, 530/329, 530/330, 530/331, 530/334, 530/350, 530/387.1,  
530/402, 530/403, 530/404

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☒ 4. Document ID: US 6307018 B1

L3: Entry 4 of 19

File: USPT

Oct 23, 2001

US-PAT-NO: 6307018  
DOCUMENT-IDENTIFIER: US 6307018 B1

TITLE: General chemical ligation

DATE-ISSUED: October 23, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kent; Stephen B. H.	San Francisco	CA		
Muir; Tom W.	New York	NY		
Dawson; Philip E.	San Diego	CA		
Bark; Steven J.	San Diego	CA		
Bannen; Lynne Canne	Pacifica	CA		

US-CL-CURRENT: 530/333; 530/338, 530/339, 530/345

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☒ 5. Document ID: US 6288048 B1

L3: Entry 5 of 19

File: USPT

Sep 11, 2001

US-PAT-NO: 6288048  
DOCUMENT-IDENTIFIER: US 6288048 B1

TITLE: Cholesterol and hedgehog signaling

DATE-ISSUED: September 11, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Beachy; Philip A.	Baltimore	MD		
Porter; Jeffrey A.	Belmont	MA		
Cooper; Michael K.	Baltimore	MD		

US-CL-CURRENT: 514/176; 435/962, 436/63, 436/71, 436/86, 436/87, 436/92, 514/278

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☒ 6. Document ID: US 6214794 B1

L3: Entry 6 of 19

File: USPT

Apr 10, 2001

US-PAT-NO: 6214794

DOCUMENT-IDENTIFIER: US 6214794 B1

TITLE: Method of using hedgehog polypeptides to regulate neuronal cell growth

DATE-ISSUED: April 10, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Beachy; Philip A.	Baltimore	MD		
Moon; Randall T.	Seattle	WA		
Porter; Jeffrey A.	Baltimore	MD		

US-CL-CURRENT: 514/12; 514/2, 530/300, 530/350

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☒ 7. Document ID: US 6184344 B1

L3: Entry 7 of 19

File: USPT

Feb 6, 2001

US-PAT-NO: 6184344

DOCUMENT-IDENTIFIER: US 6184344 B1

TITLE: Synthesis of proteins by native chemical ligation

DATE-ISSUED: February 6, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kent; Stephen B. H.	San Francisco	CA		
Muir; Tom W.	New York	NY		
Dawson; Philip E.	Solana Beach	CA		

US-CL CURRENT: 530/323; 530/334, 530/339

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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FORMC	Draw Desc	Image
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☐ 8. Document ID: US 6171804 B1

L3: Entry 8 of 19

File: USPT

Jan 9, 2001

US-PAT-NO: 6171804

DOCUMENT-IDENTIFIER: US 6171804 B1

TITLE: Method of determining interdomain orientation and changes of interdomain orientation on ligation

DATE-ISSUED: January 9, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cowburn; David	Westfield	NJ		
Xu; Rong	Tarrytown	NY		
Fushman; David	New York	NY		

US-CL-CURRENT: 435/7.1; 436/501, 436/517

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☒ 9. Document ID: US 6168784 B1

L3: Entry 9 of 19

File: USPT

Jan 2, 2001

US-PAT-NO: 6168784

DOCUMENT-IDENTIFIER: US 6168784 B1

TITLE: N-terminal modifications of RANTES and methods of use

DATE-ISSUED: January 2, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Offord; Robin E.	Bernex			CHX
Thompson; Darren	Santa Cruz	CA		
Wilken; Jill	San Francisco	CA		

US-CL-CURRENT: 424/85.1; 514/12, 514/2, 530/300, 530/324

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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Full	Draw Desc	Image
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☒ 10. Document ID: US 6132728 A

L3: Entry 10 of 19

File: USPT

Oct 17 2000

US PAT NO: 6132728

DOCUMENT-IDENTIFIER: US 6132728 A

TITLE: Hedgehog-derived polypeptides

DATE-ISSUED: October 17, 2000

## INVENTOR-INFORMATION:



NAME	CITY	STATE	ZIP CODE	COUNTRY
Beachy; Philip A.	Baltimore	MD		
Moon; Randall T.	Seattle	WA		
Porter; Jeffrey A.	Baltimore	MD		

US-CL-CURRENT: 424/198.1; 435/252.3, 435/320.1, 435/325, 530/300, 530/350, 536/23.5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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L3: Entry 11 of 19

File: USPT

Jul 4, 2000

US-PAT-NO: 6083917

DOCUMENT-IDENTIFIER: US 6083917 A

TITLE: Methods and compositions for the identification, characterization and inhibition of farnesyltransferase

DATE-ISSUED: July 4, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Brown; Michael S.	Dallas	TX		
Goldstein; Joseph L.	Dallas	TX		
Reiss; Yuval	Dallas	TX		
Marsters; Jim	Oakland	CA		

US-CL-CURRENT: 514/18; 435/107, 435/228, 435/69.1, 514/128, 514/17, 514/183, 514/365, 514/520, 514/534, 530/329, 530/330

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[Full](#) [Draw Desc](#) [Image](#)**12. Document ID: US 6057091 A**

L3: Entry 12 of 19

File: USPT

May 2, 2000

US-PAT-NO: 6057091

DOCUMENT-IDENTIFIER: US 6057091 A

TITLE: Method of identifying compounds affecting hedgehog cholesterol transfer

DATE-ISSUED: May 2, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Beachy; Philip A.	Baltimore	MD		
Porter; Jeffrey A.	Belmont	MA		

US-CL-CURRENT: 435/4, 436/71, 530/300, 530/350

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[Full](#) [Draw Desc](#) [Image](#)**13. Document ID: US 5976851 A**

L3: Entry 13 of 19

File: USPT

Nov 2, 1999

US-PAT-NO: 5976851  
DOCUMENT-IDENTIFIER: US 5976851 A

TITLE: Methods and compositions for the identification, characterization, and inhibition of farnesyl protein transferase

DATE-ISSUED: November 2, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Brown; Michael S.	Dallas	TX		
Goldstein; Joseph L.	Dallas	TX		
Reiss; Yuval	Tel-Aviv			ILX

US-CL-CURRENT: 435/193; 435/252.3, 435/252.33, 435/320.1, 435/325, 435/363, 435/366, 435/69.1, 435/91.1, 536/23.1, 536/23.2, 930/240

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☒ 14. Document ID: US 5834247 A

L3: Entry 14 of 19

File: USPT

Nov 10, 1998

US-PAT-NO: 5834247  
DOCUMENT-IDENTIFIER: US 5834247 A

TITLE: Modified proteins comprising controllable intervening protein sequences or their elements methods of producing same and methods for purification of a target protein comprised by a modified protein

DATE-ISSUED: November 10, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Comb; Donald G.	Manchester	MA		
Perler; Francine B.	Brookline	MA		
Jack; William E.	Wenham	MA		
Xu; Ming-Qun	Hamilton	MA		
Hodges; Robert A.	Norcross	GA		
Noren; Christopher J.	Boxford	MA		
Chong; Shaorong S. C.	Beverly	MA		
Adam; Eric	Beverly	MA		
Southworth; Maurice	Beverly	MA		

US-CL-CURRENT: 435/69.7; 435/252.3, 435/320.1, 435/69.1, 530/350, 530/402, 530/412, 530/413, 536/23.4

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 15. Document ID: US 5612037 A

L3: Entry 15 of 19

File: USPT

Mar 18, 1997

US-PAT-NO: 5612037

DOCUMENT-IDENTIFIER: US 5612037 A

TITLE: Influenza virus subunit conjugates

DATE-ISSUED: March 18, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Huebner; Robert C.	Bartonsville	PA		
Harmon; Maurice W.	Tannersville	PA		

US-CL-CURRENT: 424/194.1; 424/193.1, 424/196.11, 424/209.1, 424/210.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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## 16. Document ID: US 5420245 A

L3: Entry 16 of 19

File: USPT

May 30, 1995

US-PAT-NO: 5420245

DOCUMENT-IDENTIFIER: US 5420245 A

TITLE: Tetrapeptide-based inhibitors of farnesyl transferase

DATE-ISSUED: May 30, 1995

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Brown; Michael S.	Dallas	TX		
Goldstein; Joseph L.	Dallas	TX		
Reiss; Yuval	Dallas	TX		

US-CL-CURRENT: 530/328; 530/329, 530/330

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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Form	Draw Desc	Image
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## 17. Document ID: US 5246830 A

L3: Entry 17 of 19

File: USPT

Sep 21, 1993

US-PAT-NO: 5246830

DOCUMENT IDENTIFIER: US 5246830 A

TITLE: Enzymatic process for the determination of .beta.-lactam antibiotics

DATE-ISSUED: September 21, 1993

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Degelaen; Jacques	Genappe			BEX
Frere; Jean-Marie	Nandrin			BEX

US-CL-CURRENT: 435/4; 435/184, 435/23, 435/24, 435/29, 435/810, 435/825, 435/975,  
436/23, 436/815

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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## 18. Document ID: US 5141851 A

L3: Entry 18 of 19

File: USPT

Aug 25, 1992

US-PAT-NO: 5141851

DOCUMENT-IDENTIFIER: US 5141851 A

TITLE: Isolated farnesyl protein transferase enzyme

DATE-ISSUED: August 25, 1992

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Brown; Michael S.	Dallas	TX		
Goldstein; Joseph L.	Dallas	TX		
Reiss; Yuval	Dallas	TX		

US-CL-CURRENT: 435/15; 435/193, 435/815, 530/335, 530/413

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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## 19. Document ID: US 4284553 A

L3: Entry 19 of 19

File: USPT

Aug 18, 1981

US-PAT-NO: 4284553

DOCUMENT-IDENTIFIER: US 4284553 A

TITLE: Reversible method for covalent immobilization of biochemicals

DATE-ISSUED: August 18, 1981

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Brown; Rodney J.	Logan	UT		
Swaisgood; Harold E.	Raleigh	NC		
Horton; Horace R.	Raleigh	NC		

US-CL-CURRENT: 530/408; 106/124.1, 106/489, 106/491, 106/501.1, 427/220, 435/188,  
530/345

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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